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## PROGRAMME OF THE MEETING OF THE DEPARTMENT OF SECONDARY EDUCATION OF THE NATIONAL EDUCATIONAL ASSOCIATION

OF all the throng that will make the pilgrimage to Buffalo this summer none can go with a sweeter assurance of a profitable meeting than those whose interest lies chiefly in the doings of the Department of Secondary Education. The programme prepared by President Harris is preëminently practical. It differs totally from all recent programmes of this department. There is no space allowed for blowing of trumpets and rolling of drums. It reflects the working spirit that is, happily, coming to dominate the whole association. There are two notable new features: first, the round tables; second, the union meeting with the Department of Higher Education. It will be remembered that the North Central Association of Colleges and Preparatory Schools at its meeting in April appointed delegates to represent it officially at the Buffalo meeting of the National Educational Association, and the secretary was directed to invite the other similar associations of the country to do the same, to the end that this joint meeting of the Departments of Secondary and of Higher Education might become the annual and representative gathering of the interests for which it is held. Hitherto the personnel of these departmental meetings has been of an accidental character, sometimes representative, often not so. They subserved no definite purpose. If this joint meeting can be made an annual clearing house for secondary and higher education in the United States, then truly it will become of the highest service. The full programme of the secondary department follows:

### PROGRAMME

All sessions in the North Presbyterian Church, Main Street, near Chippewa.

*Officers.*—Edward L. Harris, President, Cleveland, Ohio; F. L. Bliss, Vice-President, Detroit, Mich.; C. H. Thurber, Secretary, Chicago, Ill.

2:30, Wednesday, July 6: (1) Music; (2) President's Address; (3) Appointment of Committees; (4) Music.

#### ROUND TABLES

*Ancient Languages and English*—Joint Session (Auditorium).

Chairman—I. B. Burgess, Morgan Park Academy, Morgan Park, Ill.

Leaders—William C. Collar, Roxbury Latin School, Roxbury, Mass.;  
F. A. Manny, High School, Moline, Ill.

*Topic*.—Translation from the Greek and Latin Classics as a training in the use of English.

*Modern Foreign Languages*—(Primary Class Room).

Chairman—Oscar Faulhaber, Robinson Seminary, Exeter, N. H.

Leader—Joseph Krug, Central High School, Cleveland, Ohio.

*Topics*.—The study of the German Language as an Educational Factor in Anglo-Saxon countries; review of the latest changes in Methods, with special reference to the "Natural" and "Inductive" Methods.

*History*—(Church Parlors).

Chairman—Ray Greene Huling, English High School, Cambridge, Mass.

Leader—Wilson Farrand, Newark Academy, Newark, N. J.

*Topics*.—The Library Method in History; College Admission Examinations in History; Helps to the Study of History in Secondary Schools.

*Mathematics*—(Sunday School Room).

Chairman—William A. Greeson, Dean of Lewis Institute, Chicago, Ill.

Leader—James L. Patterson, Union College, Schenectady, N. Y.

*Paper*.—Economy in Mathematical Instruction, J. L. Patterson.

Topics grouped under the above head for general discussion: (1) Arithmetic in secondary schools; can it be dispensed with? If not, how much time should be given to it, and in what year? (2) In what order should the subjects in algebra be introduced? (3) When and how should negative exponents be taught to beginners in algebra? (4) The treatment of factoring so as to include the solution of equations. (5) Should algebra and geometry be taught contemporaneously or consecutively, or, in general, what is the best arrangement of a course in algebra and geometry. (6) Should solid geometry be included in the courses leading to college?

*Natural Sciences*—(Lecture Room).

Chairman—H. N. Chute, High School, Ann Arbor, Mich.

Leader—George R. Twiss, Central High School, Cleveland, Ohio.

*Topics*.—What are the difficulties encountered in adjusting a secondary course of Physics involving laboratory work? How may they be over-

come? What kind and number of quantitative experiments in Chemistry should be made in a high school course?

*Principals*—(Bible Class Room).

Chairman—F. L. Bliss, High School, Detroit, Michigan.

Leader—G. F. Jewett, High School, Youngstown, Ohio.

*Topics*—To what extent should promotions be allowed in one department, with failures in another. The nature and propriety of opening exercises. Special teachers.

Joint meeting of the Department of Secondary Education and Department of Higher Education.

2:30 P.M. (Auditorium), Thursday, July 9.—1. Music. 2. A Boy's Congress, W. K. Wickes, Syracuse High School, Syracuse, N. Y. 3. What is a Secondary School? (1) President J. G. Schurman, Cornell University, N. Y.; (2) E. W. Coy, Principal Hughes High School, Cincinnati, Ohio. Discussion: (1) Dr. James H. Canfield, President, Ohio State University, Columbus, Ohio; (2) Dr. A. F. Nightingale, Superintendent of High Schools, Chicago, Ill.; (3) Dr. B. A. Hindsdale, University of Michigan, Ann Arbor, Mich.; (4) F. Louis Soldan, Superintendent of Schools, St. Louis, Mo. 4. Report of Committee on College Entrance Requirements. 5. Election of officers.

The headquarters of the Department of Secondary Education will be at the Genesee Hotel.

A departmental reception will be held in the parlors of the Genesee, Thursday evening, from 9:30 to 11.

All speakers on the programme are requested to report at once on arrival in Buffalo to the President or Secretary at the department at Headquarters.